

CLAIMS

We claim:

1. A method in a computer system for asynchronously notifying at least one application of state changes in a device, comprising:

using a device driver, independently polling a device associated with the device driver for one or more events corresponding to one or more of the state changes, wherein each event has a change notification; and
sending, by the device driver, the change notification to the at least one application.

2. The method as recited in claim 1, wherein the application is a library manager.

3. The method as recited in claim 1 further comprising registering, by the at least one application, for one or more change notifications desired to be received by the application.

4. The method as recited in claim 1, wherein the change notifications include a globally unique identifier.

5. A computer-readable medium having computer-executable instructions for performing the method recited in claim 1.

6. A computer system having a processor, a memory, and an operating environment, the computer system operable to execute the method recited in claim 1.

7. A method in a computer system for asynchronously notifying at least one interested application of state changes in a device, comprising:

initiating a task by a client application to be performed on a device, said task
resulting in a state change;
using a device driver associated with the device, creating a change notification
corresponding to the initiated task; and
notifying, by the device driver, the interested application of the change
notification.

8. The method as recited in claim 7, wherein the interested application is a library manager.

9. The method as recited in claim 7, further comprising registering for one or more change notifications desired by the interested application.

10. The method as recited in claim 7, wherein the initiated task alters the identification of the device.

11. The method as recited in claim 7, wherein the change notification includes a globally unique identifier.

12. A computer-readable medium having computer-executable instructions for performing the method recited in claim 7.

13. A computer system having a processor, a memory, and an operating environment, the computer system operable to execute the method recited in claim 7.

14. A computer system for notifying applications of state changes in removable devices, the system comprising:

a device driver that polls an associated device for state changes and provides change notifications corresponding to the state changes; and one or more applications that receive the change notifications from the device driver.

15. The computer system as recited in claim 14, wherein the one or more applications register for the change notifications that the one or more applications desire to receive from the device driver.

16. The computer system as recited in claim 14, wherein the change notifications include a globally unique identifier.

17. A computer system for notifying interested applications of state changes in a device, the system comprising:

an application that initiates a task to be performed on the device, the task resulting in a state change; and

a device driver that provides a change notification to the interested applications based upon the task.

18. The computer system as recited in claim 17, wherein the interested application registers for the change notification.

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